

1 **(August 7, 2006)**

2 **Precast Concrete Noise Barrier Walls**

3 Grout for encapsulating dowel bars shall conform to Section 6-02.3(26)H.

4
5 Grout pads at the bases of precast concrete panels shall conform to Section 6-02.3(20).

6
7 Base plates and anchor bolt templates shall conform to ASTM A 36. Base plates shall
8 be corrosion protected by one of the following methods:

- 9
10 1. One coat of Formula A-11-99 paint as specified in Sections 9-08.2 and 6-
11 07.3(5).
12
13 2. Galvanized after fabrication in accordance with AASHTO M 111.
14
15 3. Galvanized after fabrication in accordance with AASHTO M 298, Class 5, Type
16 1.
17

18 Anchor rods shall conform to ASTM F 1554 Grade 55. Nuts shall conform to AASHTO
19 M 291. Washers shall conform to AASHTO M 293, except that plate washers
20 conforming to ASTM A 36 may be used. Nuts and washers, and a minimum of 1'-0" of
21 the exposed end of the anchor rod, shall be corrosion protected by one of the following
22 methods:

- 23
24 1. One coat of Formula A-11-99 paint as specified in Sections 9-08.2 and 6-
25 07.3(5).
26
27 2. Galvanized after fabrication in accordance with AASHTO M 232.
28
29 3. Galvanized after fabrication in accordance with AASHTO M 298, Class 5, Type
30 1.
31

32 The cone head end, 1'-0" minimum, of steel reinforcing Bar B, as identified in the
33 Standard Plans, shall be painted with one coat of Formula A-11-99, as specified in
34 Sections 9-08.2 and 6-07.3(5).
35

36 The sealant system for the vertical joint between precast concrete panels shall consist
37 of a single component, gun grade, polyurethane sealant, with a closed cell polyurethane
38 foam backer rod.